Sequence Sequence Sequence

US-09-252-991A-19961 US-08-403-821A-26666 US-08-403-821-825 US-08-510-646B-26 US-08-510-646B-26 US-08-21-818-25 US-09-252-991A-24774 US-09-252-991A-24774 US-09-252-991A-17597 US-09-252-991A-17597 US-09-252-991A-17597 US-09-252-991A-17597 US-09-252-991A-17597 US-09-252-991A-17597

Sequence Sequence Sequence Sequence

Sednence Sednence

1-09-034-756-20 1-08-660-592-11 1-08-660-592-4 US-09-166-930A-4

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us-09-905-691/-3,61ig.rai
                                              August 9, 2003, 16:25:48; Search time 17.9143 Seconds. (without alignments) 44.875 Million cell updates/sec
                                                    GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd
                                                                                      - protein search, using sw model
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ALIGNMENTS

328717

Total number of hits satisfying chosen parameters:

0

Word size :

Searched:

Post-processing: Listing first 45 summaries

Database

seq length: 0 seq length: 2000000000

Minimum DB Maximum DB

328717 seqs, 42310858 residues

OLIGO Gapop 60.0 , Gapext 60.0

Scoring table:

1 AEARARRAARRAARA 19

US-09-905-691-3 19

Title: Perfect score:

Sequence:

OM protein

Run on:

- A	Gaps
#	· .;
-1 Pplication US/08660592 8877153 FORMATION: T: SOBEL, Michael INVENTION: NOVEL HEPARIN BINDING PEPTI SOBEL, MICHAEL INVENTION: NOVEL HEPARIN BINDING PEPTI SOBEL, BOANE, SWECKER & MATHIS FO. BOX 1404 AREAGAILE FORM: TYDE: PLOPPY disk READABLE FORM: TYPE: PLOPPY disk READABLE FORM: TYPE: PATENTIN Release #1.0, Version #1.3 APPLICATION DATA: BATION NUMBER: 39,300 MICHAION S14 AGENT INFORMATION: MICHAER: 39,300 MICHAION INFORMATION: MICHAER: 39,300 MICH	Query Match 100.0%; Score 19; DB 2; Length 19; Best Local Similarity 100.0%; Fred. No. 1.9e-11; Matches 19; Conservative 0; Mismatches 0; Indels

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Length

Query Match

Score

Result No.

Appli 6, Appli 6, Appli 8, Appli 8, Appli 2, Appli 2, Appli 16819, A Sequence 32, Sequence 2, Sequence 2, Sequence 515 Sequence 201 Sequence 201 Sequence 5, Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 3, Sequence 3, Sequence 3, Sequence 3, Sequence 6, Sequence 1, Sequen Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence 09-252-991A-16819 -08-660-592-10 -09-208-966-5 -08-753-007A-6 .09-398-496-32 08-753-007A-2 -08-753-007A-8 .66-930A-2 .66-930A-3 66-930A-1 66-930A-7 -08-660-592-3 -08-660-592-8 -09-398-496-2 09-398-496-6 SUMMARIES

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AEARARRAARAARAARA 19 1 AEARARRAARRAARA 19 ŏ g

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0; Mismatches
          100.0%; Score 19; 100.0%; Pred. No.
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ATTORNEY FAGENT INFORMATION:
NAME: MCGOWAD, MAICOLIM K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 0063
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Application US/09166930A
Patent No. 6200955
                                                                                                              1 AEARARRAARAARRAARA 19
                                                                                         1 AEARARRAARRAARA 19
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Query Match
Best Local Similarity 100.0
Watches 19; Conservative
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Best Local Similarity 100.(
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 11near
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 19
                                                                            APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
CORRESPONDENCE 11
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: Alexandria
STREET: Virginia
                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,592 FILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
CURRENT APPLICATION NUMBER: US/09/166,930A
CURRENT FILING DATE: 1999-10-06
PRIOR APPLICATION NUMBER: US 08/660,592
PRIOR FILING DATE: 1996-06-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 19;
Best Local Similarity 100.0%; Pred. No.
Matches 19; Conservative 0; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MGGOWAN, MAICOLM K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 006338-001
TELECOMMUNICATION INFORMATION:
TELEFHONE: (703) 836-6620
TELEFAX: (703) 836-5021
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                              STATE: Virginia
COUNTRY: United States
COMPUTER READABLE FORM:
MEDJUM TYPE: Floppy disk
CONFUTER: IBM PC COMPALIBLE
CONFUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09166930A
Patent No. 6200955
                     Sequence 6, Application US/08660592
Patent No. 5877153
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AEARARRAARAARRAARA 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: HARRIS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-166-930A-1
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US-08-660-592-6
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LENGTH: 19
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Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREATE: Alexana.
CITY: Alexana.
STATE: Virginia
STATE: United States
219: 2233-1404
COMPUTER: Lababar FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMEDIUM SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CAPLICATION NUMBER: US/08/660,592
**ILING DATE: 11-UDN-1996
**ILI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/08660592
Patent No. 5877153
GENERAL INFORMATION:
APPLICANT: HARRIS; Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: HARRIS, ROBERT B.
APPLICANT: SOBEL, MICCAEL
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-006
CURRENT APPLICATION NUMBER: US/09/166,930A
CURRENT FILING DATE: 1998-10-06
PRIOR FILING DATE: 1996-06-11
DB 3; 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .3e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS STREET: P.O. BOX 1404
CITY: Alexandria
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US-09-166-930A-2
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                                                                                                                                    ) OTHER INFORMATION: Description of Artificial Sequence:branched-chain; OTHER INFORMATION: heparin-binding peptide Arg Helix #5
US-09-166-930A-7
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Pred. No. 1.3e-09;
0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSE: BURNS, DOANE, SWECKER & MATHIS
STREET: B.O. BOX 1404
CITY: Alexandria
STATE: Virginia
COWTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-JUN-1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/08660592
Patent No. 5877153
GENERAL INFORMATION:
GAPPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 16; DB 2; Leng
                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; P.
Matches 17; Conservative 0;
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Best Local Similarity 100.0%; P

Matches 16; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                   1 AEARARRAARAARRAA 17
                                                                                                                                                                                                                                                                                               1 AEARARRAARRAA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AEARARRAARRA 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 AEARARRAARAARA 16
                                                                                                 ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 16 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) MOLECULE TYPE: peptide US-08-660-592-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                               US-08-660-592-2
                                                                               TYPE: PRT
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US-08-660-592-7; Sequence 7, Application US/08660592

RESULT 7

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0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 16;
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8.2e-09;
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GENERAL INFORMATION:
APPLICANT: BARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. DOX 1404
CITY: ALCARANGIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/09166930A
Patent No. 6200955
GENERAL INFORMATION:
APPLICANT: BARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION WOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-006
CURRENT APPLICATION WUMBER: US/09/166,930A
CURRENT FILING DATE: 1998-10-06
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Var. 2.0
SEQ ID NO 2
LENGTH: 16
TYPE: PRT
TYPE: P
                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Virginia
CONWTR: United States
ZID: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFFRATIG SYSTEM: PC-DOS/MS-DOS
SOFFWARE: PAtentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-JUN-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84.2%; Score 16; DB 2; L
100.0%; Pred. No. 8.2e-09;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MANE: MCGOWAN, MALCOLM K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 0063:
TELECOMMUNICATION INFORMATION:
TELEFAX: (703) 836-6620
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 84.2%; Soc
Best Local Similarity 100.0%; P:
Matches 16; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
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Best Local Similarity
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OTHER INFORMATION: Description of Artificial Sequence:branched-chain OTHER INFORMATION: heparin-binding peptide Arg Helix #4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
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APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, MICHAEL

ITILE OF INTENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-006
CURRENT APPLICATION NUMBER: US/09/166,930A
CURRENT PILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: US 08/660,592
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PALENTIN VEY: 2.0
SEQ ID NO 3: ELENGTH: 16
                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTHARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RILING DATE: IJ-JUN-1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/09166930A
Patent No. 6200955
                                                                                                                                                                                    ATTORNET PLANTICUS: 314
ATTORNET AGENT INFORMATION:
NAME: MCGOWAN, MAICOLM K.
REGISTATION UNDER: 39,300
REFERENCE/DOCKET WUMBER: 00633
TELECOMMUNICATION INFORMATION:
TELEFAX: (703) 836-6201
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TIENTE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6, Application US/09208966
Patent No. 6221355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 63.2
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5 ARRAARAARRA 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-660-592-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: DOWdy, Steven
        OMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 11
US-09-166-930A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-166-930A-3
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        Gaps
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      Indels
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Setent No. 5877153
GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
                                                                                                                                                                                                                                                 APPLICANT: HARRIS, Robert B.
PSPLICANT: SOBEL, MACABAL
TILLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. BOX 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFENCE/DOCKET NUMBER: 006338-001
TELECOMUNICATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-UNN-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                        Sequence 3, Application US/08660592
Patent No. 5877153
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                                         1 AEARARRAAARAARA 16
                                                                 TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Virginia
: United States
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 63.2
Best Local Similarity 100.
Matches 12; Conservative
  16; Conservative
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CITY: Alexandria
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COUNTRY: United
2IP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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Matches
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TITLE OF INVENTION: ANTI-PATHOGEN SYSTEM AND METHODS OF USE THEREOF

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APPLICANT: Dowdy, Steven F.
TITLE OF INVENTION: ANTI-PATHOGEN SYSTEM AND METHODS OF USE THEREOF
FILE REFERENCE: 48881/1742
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GENERAL INFORMATION:
APPLICANT: Gearling, David P.
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: DON-1 GENE AND POLYPEPTIDES
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/208,966
CURRENT FILING DATE: 1998-104-10
EARLIER APPLICATION NUMBER: 60/082,402
EARLIER PILING DATE: 1998-04-20
EARLIER PILING DATE: 1998-04-20
EARLIER RILING DATE: 1997-12-10
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 5
LENGTH: 11
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OPERATING SYSTEM: DOS
SOFTWARE: FRAISBO VERSION 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753,007A
FILING DATE: 19-NOV-1996
CLASSIFICATION: 536
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APPLICATION DATA:
APPLICATION NUMBER: 08/699,591
FILING DATE: 19-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                     sequence 5, Application US/09208966
Patent No. 6221355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Fasse, J. Peter
REGISTATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07
FELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 0211U-zoc.
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
^^LUTTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS: LENGTH: 407 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 617-542-8906
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STATE: MA
COUNTRY: US
--- 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 9; Conserv
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STREET: 225 FI
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: human
US-09-208-966-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Virginia
COUNTRY: United States
219: 22313-1404
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC COMPATIDLE
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNDER:
APPLICATION A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: HARRIS, Robert B.
PSPLICANT: SOBEL, Michael
ATTLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. BOX 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
FILE REFERENCE: 48881/1742
CURRENT APPLICATION NUMBER: U5/09/208,966
CURRENT FILING DATE: 1998-12-10
EARLIER APPLICATION NUMBER: 60/082,402
EARLIER FILING DATE: 1998-04-20
EARLIER FILING DATE: 1997-12-10
EARLIER FILING DATE: 1997-12-10
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11-JUN-1996
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Patent No. 5877153
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: McGowan, Malcolm K.
REGISTAZION UNDBER: 39,300
REFERENCE/DCKET NUDBER: 0063:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEO ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    52.6%; Scillarity 100.0%; P. Conservative 0;
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Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10 ARAARRAARA 19
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Best Local Similarity
Matches 10; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: human
US-09-208-966-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-660-592-10
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Gaps

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; TYPE: amino acid
STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-753-007A-6
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0; Gaps Query Match 47.4%; Score 9; DB 3; Length 407; Best Local Similarity 100.0%; Pred. No. 0.29; Matches 9; Conservative 0; Mismatches 0; Indels 0; Indels

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Search completed: August 9, 2003, 16:35:21 Job time : 18.9143 accs